

## INTERNATIONAL SEARCH REPORT

International Application No

IB2004/051148

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M1/21 H04N9/31 G02B3/14 G02B26/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 201 17 201 U (AHRENS HANS JOACHIM ; BEYER BERND (DE); CZECH ANDREAS (DE); SCHMITT FR) 19 September 2002 (2002-09-19) abstract page 5, line 26 - page 6, line 11 page 12, line 17 - line 24 page 13, line 17 - line 20 claims figures 1-3,6,7	1,3-5
Y		2
X	DE 196 22 314 A (SEL ALCATEL AG) 11 December 1997 (1997-12-11) abstract; figure 2 column 2, line 13 - line 67	1,3-5
A		2
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

13 October 2004

Date of mailing of the international search report

25/10/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 990 983 A (ASSA SHLOMO ET AL) 23 November 1999 (1999-11-23) abstract; figures	1-5
A	-----	2
Y	FR 822 886 A (MATZ H C M) 10 January 1938 (1938-01-10) the whole document	2
A	----- NL 1 013 976 C (KONINKL KPN NV) 29 June 2001 (2001-06-29) abstract page 2, line 29 - page 3, line 7 figure 1	1-5
A	----- BERGE B ET AL: "Variable focal lens controlled by an external voltage: an application of electrowetting" EUROPEAN PHYSICAL JOURNAL E. SOFT MATTER, EDP SCIENCES, IT, vol. 3, no. 2, October 2000 (2000-10), pages 159-163, XP002285977 ISSN: 1292-8941 the whole document	2
A	----- DE 101 02 463 A (KRAMER RALF ; SEILER HARDY (DE)) 25 October 2001 (2001-10-25) abstract paragraph '0017! - paragraph '0019! figures	1-5
A	----- DE 100 30 417 A (MATSUSHITA ELECTRIC IND CO LTD) 26 April 2001 (2001-04-26) abstract; figures 1,6,17,23 -----	1-5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IB2004/051148

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 20117201	U	19-09-2002	DE 20117201 U1	19-09-2002
DE 19622314	A	11-12-1997	DE 19622314 A1	11-12-1997
			AU 730478 B2	08-03-2001
			AU 2359597 A	11-12-1997
			DE 59706588 D1	18-04-2002
			EP 0814452 A2	29-12-1997
			JP 10178606 A	30-06-1998
			US 6486867 B1	26-11-2002
US 5990983	A	23-11-1999	EP 0722646 A1	24-07-1996
			JP 9504920 T	13-05-1997
FR 822886	A	10-01-1938	NONE	
NL 1013976	C	29-06-2001	NL 1013976 C2	29-06-2001
DE 10102463	A	25-10-2001	DE 10102463 A1	25-10-2001
DE 10030417	A	26-04-2001	JP 2001004950 A	12-01-2001
			JP 2001042237 A	16-02-2001
			JP 2001174735 A	29-06-2001
			DE 10030417 A1	26-04-2001
			US 6654151 B1	25-11-2003